

Michael Rooze

Software Developer | [\[Portfolio Site\]](#)

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PROFESSIONAL SUMMARY

I am a software developer with over 5 years of experience building software applications that have had a significant impact in a diverse range of industries, including telecommunications, real estate, automotive retail, and business process management. Specialized in React, Typescript, and Node.js, with a proven track record of delivering high-quality solutions that enhance user experience and streamline business processes.

TECHNICAL SKILLS

Technologies: React.js, Redux, Next.js, Node.js, Express, React Native, Vue.js

Programming Languages: JavaScript, TypeScript, HTML, CSS/SASS, Tailwind

Tools & Platforms: Jenkins (CI/CD), Git, Webpack, Babel, Bash, Heroku, Bugzilla, Chrome

Databases: SQL, NoSQL, MongoDB, Firebase, Xata, AWS

Testing Frameworks: React Testing Library, Jest, Cypress

Methodologies: Agile/Scrum, BDD (Behavior-driven development)

EXPERIENCE

Senior Front-End Engineer Las Vegas, NV

Coconut Tree Software Inc. | 04/2024 - 06/2024 (contract)

- ❖ Initiated and led the front-end development of a real estate application from the ground up using React.js that allows users to view, buy, and sell properties
- ❖ Utilized Google Maps API to search for addresses and the Stripe microservice for secure payment processing
- ❖ Developed multiple features including a property image upload feature with a drag-and-drop interface for an increased user experience
- ❖ Created dynamic graphs and forms to answer residential and condo disclosure questions
- ❖ Collaborated closely with our designer and backend developers, ensuring cohesive integration across the application
- ❖ Communicated effectively with backend team using Swagger documentation for API integration

- ❖ Implemented responsive design principles to ensure optimal performance across various devices

Software Developer IV St. Louis, MO

Charter Communications (Spectrum) | 10/2022 - 06/2023 (contract)

- ❖ Built software that allows sales activation agents and internal teams to resolve ordering issues and test specific buy flows utilizing the React library, React's Context API, and Material-UI
- ❖ Developed features that helped resolve ordering issues, reducing issue resolution time by 21%
- ❖ Developed RESTful APIs using Node.js, defining endpoints to facilitate communication between our client-side applications and server-side resources, ensuring seamless data exchange and functionality integration
- ❖ Built effective unit and integration tests with React Testing Library ensuring over 90% code coverage
- ❖ Tested and documented code before using Jenkins for promotion and deployment
- ❖ Ensured 100% accuracy of deployed packages through active participation in production meetings
- ❖ Led demonstrations of our team's progress in monthly meetings

Web Developer Piney Flats, TN

Business Information Systems | 10/2021 - 03/2022

- ❖ Developed web applications that handle transactions and manage inventory for county clerks across the state of Tennessee using Vue.js, Typescript, PHP, and other supporting technologies
- ❖ Built features that Integrate the use of barcode scanners for license plates
- ❖ Improved transaction security by following PCI security data standards and successfully reduced data vulnerabilities
- ❖ Utilized Monetra technologies and TranSafe to test credit cards to ensure safe and secure transactions
- ❖ Created effective unit and integration tests with Jest to increase test coverage by 30%

Web Developer Beaverton, Oregon

Beaverton Toyota | 06/2019 - 09/2021

- ❖ Designed, implemented, and maintained fully responsive web application used by clients in the automotive retail industry using React.js and Redux for global state management

- ❖ Built scheduling and order tools resulting in a 23% reduction in downtime
- ❖ Developed a Virtual Showroom with data fetched from the inventory management system, featuring server-side pagination, filtering, and sorting
- ❖ Represented web team at meetings with executives and presented project goals and milestones
- ❖ Developed routing system with React Router to ensure single-page application behavior

CERTIFICATIONS

AWS Solutions Architect Associate (In Progress)

Expected Completion: 12/2024

EDUCATION

Indiana State University, Terre Haute, IN

Bachelor of Science | 05/2012